INTERNATIONAL SEARCH REPORT

International application No.

		•	PCT/US06/04410	
A. CLASSIFICATION OF SUBJECT MATTER				
IPC: C21B 3/02(2007.01)				
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USPC: 75/539,303				
USPC: 75/539,303 According to International Patent Classification (IPC) or to both national classification and IPC				
a section of the sect				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S. : 75/539,303, 10.57				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
i				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where a	poropriate, of the relev	vant nassages	Relevant to claim No.
Y	US 4,208,388 A (NICHOLSON) 17 June 1980 (17.06.1980), abstract, col. 1 lines 5-35 col. 1			1-5
	line 65-col. 2 line 30, col. 5 line 16 - col. 6 line 24.			
Y	US 4541617 A (OKANE et al.) 17 September 1985 (17.09.1985), abstract, Figs 1 and 2, col.			1-5
	2 lines 37-41 and col. 6 lines 1-10			
Y	US 5,733,356 A (KONIG et al.) 31 March 1998 (31.03.1998), abstract, Fig. 1, col. 4 line 2-			
	0 - col. 5 line 34, col. 2 lines 17-30.			
Y	JP 62-228412 A (KAWASAKI STEEL CO.), 07 October 1987 (07.10.1987), abstract and 1, 2, 4 and 5			1, 2, 4 and 5
	Figure 1			
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Furth	er documents are listed in the continuation of Box C.	See patent	family annex.	
Special categories of cited documents:		"T" later documen	nt published after the inten	national filing date or priority date
"A" document defining the general state of the art which is not considered to be of			affict with the application b	
	A" document defining the general state of the art which is not considered to be of principle or theory underlying the invention particular relevance			
"R" earlier o	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step			
	bhreatrer et barett brotteren ett et suce ens merimmenn umiliare		ument is taken alone	S ID III VOI VO OII III VOIII VO OICP
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as "Y" document			particular relevance; the cl	simed invention connot be
specific		considered to	involve an inventive step	when the document is combined
"O" docume	with one or more other such documents, such on comment referring to an oral disclosure, use, exhibition or other means to a person skilled in the art		such combination being obvious	
	" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed			
Date of the actual completion of the international search Date of mailing of the international search report				
27 October 2006 (27,10,2006) ZZ NOV 2006				
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